

AMENDMENTS TO THE SPECIFICATION

In the Specification:

Please **AMEND** the specification as shown in the following marked up paragraph, which shows changes made relative to the immediate prior version.

Please **AMEND** the paragraph beginning on page 4, line 15 as follows:

Also in the method, the first grayscale level is a white grayscale level when in a normally black mode, it is a black grayscale level when in a normally white mode, the gate voltage in the first interval is $\pm 3V$ to $\pm 10V$ relative to a gate-off voltage, and a starting point of the first interval is within $0.5\mu\text{ms}$ – $5\mu\text{ms}$ from a starting point of the second interval.

Please **AMEND** the paragraph beginning on page 8, line 10 as follows:

As shown by the equation, to improve the response speed τ_{on} when applying a voltage to liquid crystals, the distance d of the gap, ~~the rotational viscosity coefficient γ~~ , the elasticity coefficient K , the application voltage E , and the dielectric anisotropy $\Delta\epsilon$ must be increased. However, since the rotational viscosity coefficient γ , the elasticity coefficient K , and the dielectric anisotropy $\Delta\epsilon$ are material constants, it is difficult to change these parameters. On the other hand, the distance d of the gap and the application voltage E are easily changed.

Please **AMEND** the paragraph beginning on page 14, line 14 as follows:

Equation 4 is used to determine the pixel application voltage V_p for the black and white grayscale levels. The anisotropy of the liquid crystals is ($\epsilon_{\parallel} = 10.8$, $\epsilon_{\perp} = 3.4$?), and $Cst \sim$

C1c (the liquid crystal state in the case where voltage is not applied, that is a state where the pixels are designed so that $\epsilon = \epsilon_{\perp}$).